

**METHOD OF READING PIXEL SIGNALS FROM A  
MULTIPLE STAGGERED SENSOR**

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**ABSTRACT OF THE INVENTION**

A method of reading pixel signals from a staggered sensor comprises providing the staggered sensor which comprises at least two linear image sensors, wherein a plurality of photocells of one linear image sensor are offset abutting with a plurality of photocells of the adjacent linear image sensor respectively. The pixel signals from the consecutive photocells of one linear image sensor are read out, without inserting the pixel signals from the other linear image sensor. The method provides quick video output especially for low-resolution definition.

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